

Serial Number

09/865553

CRF Processing Date:
Edited by: *mt*
Verified by: _____

#3 05-90
1025

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number input applicant was ☐ the prior application data; or ☐ other _____
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using _____
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: **ENTERED** _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/lastname and ☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field according due to a PatentIn bug). Sequences corrected: _____
- ☒ Other: *Inserted a hard return where none was present.*

*Examiner: The above corrections must be communicated to the applicant in the first C Action. DO NOT send a copy of this form.

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/865,553

DATE: 11/06/2001

TIME: 16:05:23

Input Set : N:\jumbos\i865553.RAW

Output Set: N:\CRF3\11062001\I865553.raw

1 <110> APPLICANT: Rittner, Karola
 2 Jacobs, Eric
 3 <120> TITLE OF INVENTION: Complex for Transferring an Anionic Substance of Interest
 4 Into a Cell
 5 <130> FILE REFERENCE: 032751-050
 6 <140> CURRENT APPLICATION NUMBER: US/09/865,553
 7 <141> CURRENT FILING DATE: 2001-05-29
 8 <150> PRIOR APPLICATION NUMBER: US 60/246,083
 9 <151> PRIOR FILING DATE: 2000-11-07
 10 <150> PRIOR APPLICATION NUMBER: US 60/277,982
 11 <151> PRIOR FILING DATE: 2001-03-23
 12 <150> PRIOR APPLICATION NUMBER: EP 00440162.6
 13 <151> PRIOR FILING DATE: 2000-05-26
 14 <150> PRIOR APPLICATION NUMBER: EP 01440049.3
 15 <151> PRIOR FILING DATE: 2001-02-27
 16 <160> NUMBER OF SEQ ID NOS: 7
 17 <170> SOFTWARE: PatentIn version 3.1
 19 <210> SEQ ID NO: 1
 20 <211> LENGTH: 20
 21 <212> TYPE: PRT
 22 <213> ORGANISM: Artificial Sequence ✓
 23 <220> FEATURE:
 24 <223> OTHER INFORMATION: mutPep ✓
 25 <221> NAME/KEY: MISC-FEATURE
 26 <222> LOCATION: (4)-(19)
 27 <223> OTHER INFORMATION: Amino acids 4, 8, 11, 15 and 19 are Xaa wherein Xaa = any

ENTERED

amino a

28 cid.
 29 <400> SEQUENCE: 1
 W--> 30 Gly Leu Phe Xaa Ala Leu Leu Xaa Leu Leu Xaa Ser Leu Trp Xaa Leu
 31 1 5 10 15
 W--> 32 Leu Leu Xaa Ala
 33 20
 35 <210> SEQ ID NO: 2
 36 <211> LENGTH: 20
 38 <212> TYPE: PRT
 39 <213> ORGANISM: Artificial Sequence
 40 <220> FEATURE:
 41 <223> OTHER INFORMATION: PPTG1
 42 <400> SEQUENCE: 2
 43 Gly Leu Phe Lys Ala Leu Leu Lys Leu Leu Lys Ser Leu Trp Lys Leu
 44 1 5 10 15
 45 Leu Leu Lys Ala
 46 20
 48 <210> SEQ ID NO: 3
 49 <211> LENGTH: 20
 50 <212> TYPE: PRT
 51 <213> ORGANISM: Artificial Sequence

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/865,553

DATE: 11/06/2001
TIME: 16:05:23

Input Set : N:\jumbos\i865553.RAW
Output Set: N:\CRF3\11062001\I865553.raw

52 <220> FEATURE:
53 <223> OTHER INFORMATION: JTS-1
54 <400> SEQUENCE: 3
55 Gly Leu Phe Glu Ala Leu Leu Glu Leu Leu Glu Ser Leu Trp Glu Leu
56 1 5 10 15
57 Leu Leu Glu Ala
58 20
60 <210> SEQ ID NO: 4
61 <211> LENGTH: 40
62 <212> TYPE: PRT
63 <213> ORGANISM: Artificial Sequence ✓
64 <220> FEATURE:
65 <223> OTHER INFORMATION: JTS-1-K13 ✓
66 <400> SEQUENCE: 4
67 Gly Leu Phe Glu Ala Leu Leu Glu Leu Leu Glu Ser Leu Trp Glu Leu
68 1 5 10 15
69 Leu Leu Glu Ala Cys Cys Tyr Lys Ala Lys Lys Lys Lys Lys Lys Lys
70 20 25 30
71 Lys Trp Lys Lys Lys Lys Gln Ser
72 35 40
74 <210> SEQ ID NO: 5
75 <211> LENGTH: 30
76 <212> TYPE: PRT
77 <213> ORGANISM: Artificial Sequence ✓
78 <220> FEATURE:
79 <223> OTHER INFORMATION: KALA ✓
80 <400> SEQUENCE: 5
81 Trp Glu Ala Lys Leu Ala Lys Ala Leu Ala Lys Ala Leu Ala Lys His
82 1 5 10 15
83 Leu Ala Lys Ala Leu Ala Lys Ala Leu Lys Ala Cys Glu Ala
84 20 25 30
86 <210> SEQ ID NO: 6
87 <211> LENGTH: 20
88 <212> TYPE: PRT
89 <213> ORGANISM: Artificial Sequence ✓
90 <220> FEATURE:
91 <223> OTHER INFORMATION: ppTG20 ✓
92 <400> SEQUENCE: 6
93 Gly Leu Phe Arg Ala Leu Leu Arg Leu Leu Arg Ser Leu Trp Arg Leu
94 1 5 10 15
95 Leu Leu Arg Ala
96 20
98 <210> SEQ ID NO: 7
99 <211> LENGTH: 20
100 <212> TYPE: PRT
101 <213> ORGANISM: Artificial Sequence ✓
102 <220> FEATURE:
103 <223> OTHER INFORMATION: ppTG21 ✓
104 <400> SEQUENCE: 7

RAW SEQUENCE LISTING

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Input Set : N:\jumbos\i865553.RAW

Output Set: N:\CRF3\11062001\I865553.raw

105	Gly	Leu	Phe	His	Ala	Leu	Leu	His	Leu	Leu	His	Ser	Leu	Trp	His	Leu
106	1				5					10					15	
107	Leu	Leu	His	Ala												
108					20											

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/865,553

DATE: 11/06/2001

TIME: 16:05:24

Input Set : N:\jumbos\i865553.RAW

Output Set: N:\CRF3\11062001\I865553.raw

L:30 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1

L:32 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1